

Moving from WELLS to GWELLS

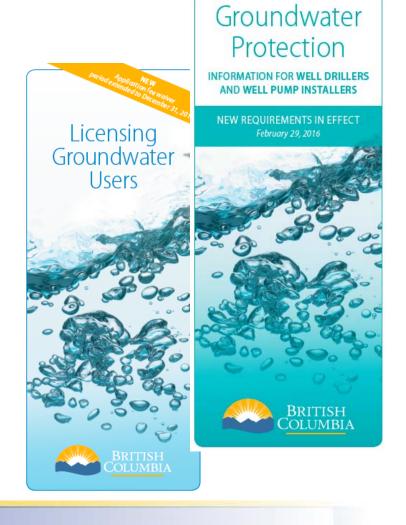
BC Ground Water Association Convention April 4, 2018

Presented by
Lindsay Macfarlane
Sr. Groundwater Data Specialist/ GWELLS Product Owner
Water Protection and Sustainability Branch

Why a New Application?

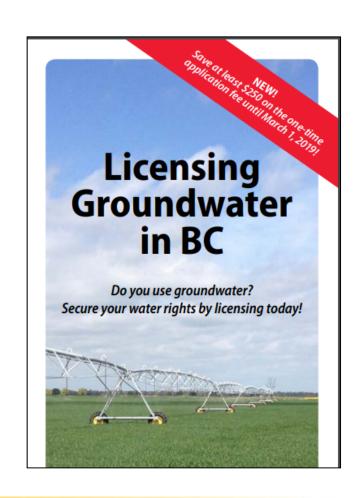
To support:

- Access to groundwater data
- Water Sustainability Act
- Groundwater Protection Regulation
- Decision making related to the groundwater resource



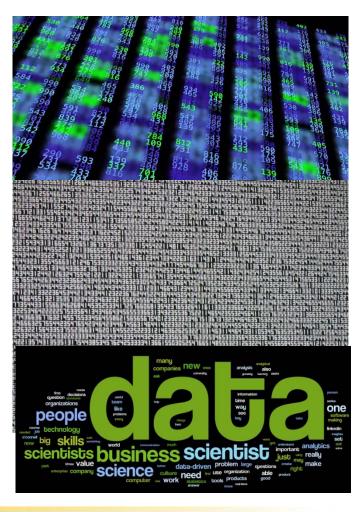
Secure Your Groundwater Rights!

- Existing use Submit an online application by March 1, 2019 to have historic use recognized
- New use (after Feb 29, 2016) submit before diverting groundwater



Project Goals

- Streamline how data is submitted
- Improve how data and information is accessed
- Improve data quality



Our Design Principles

- 1. Think like a start-up: Be bold! Fail early! Be agile!
- 2. Maximize collaboration
- 3. Strive for simplicity
- 4. Working software is our measure of progress



How is GWELLS Being Developed?

Agile Approach

An iterative approach to planning and guiding project processes.

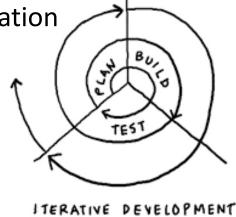
Key Values:

Individuals and interactions over processes and tools

Working software over comprehensive documentation

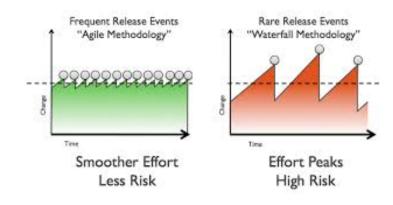
Customer collaboration

Responding to change over following a plan



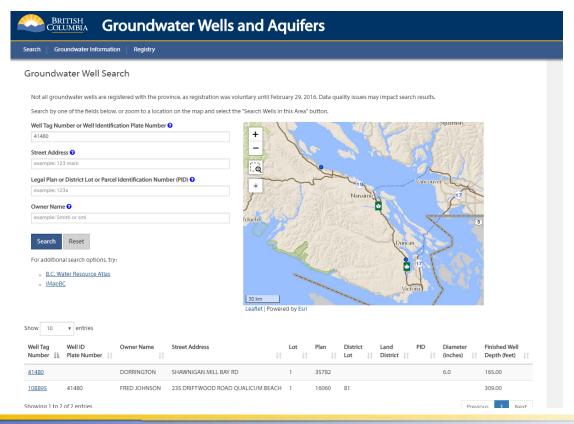
Benefits of Agile

- Quick delivery of product and enables value to be realized incrementally
- Provides greater visibility through short release cycles and frequent demos
- Improves quality
- Focus on user engagement



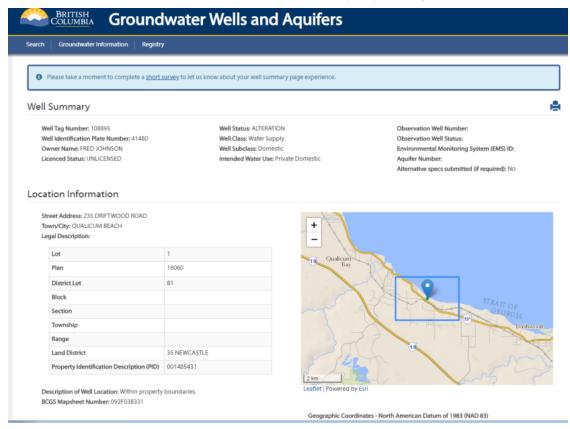
What Have We Done?

Simple Search



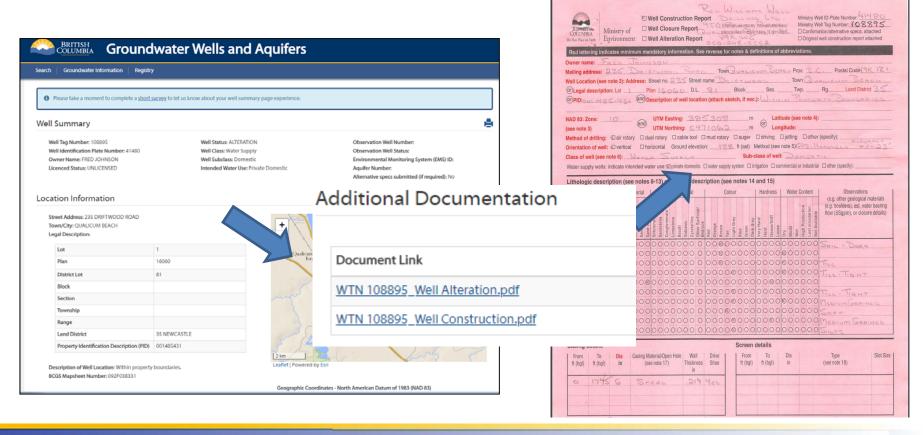
What Have We Done?

Well Summary page



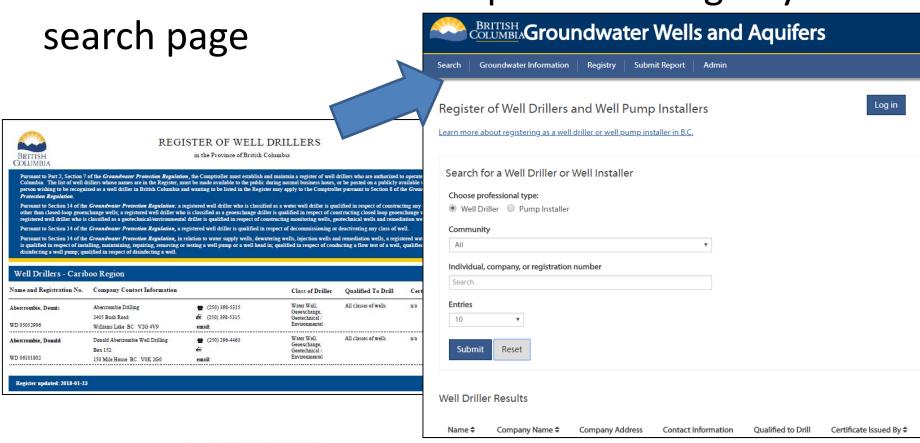
What Have We Done?

Access to historical well records



Coming Soon

Well Driller and Well Pump Installer registry



User Engagement

- 100+ user engagement sessions
- Internal and external users
- Feedback is:
 - Confidential
 - Anonymized



Feedback

"The upgrades you have made this year have made my life easier" – Driller (search)

"This is wicked" - Driller (search)

"It makes searching for a well so easy!" – GW Hydrogeologist (search)

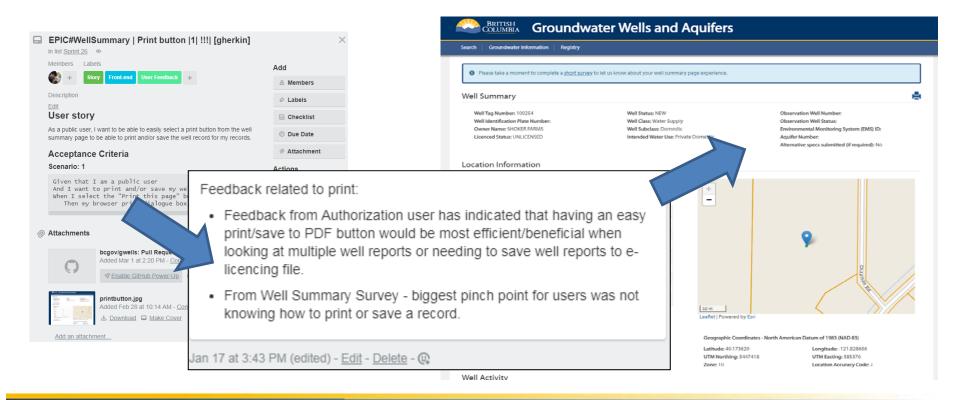


"Loved the map feature" – Well owner (search)

"In one word 'Brilliant'" – Senior Authorizations staff (document storage)

What Happens to Your Feedback?

Documented for consideration and prioritization



Demonstration

GWELLS



Where We Are Going

- Register of Well Drillers and Well Pump Installers
- Submission of Well Records
- Edit-ability of Well Records
- Aquifer Data and Information
- Integration with other groundwater related applications



Keys to Success

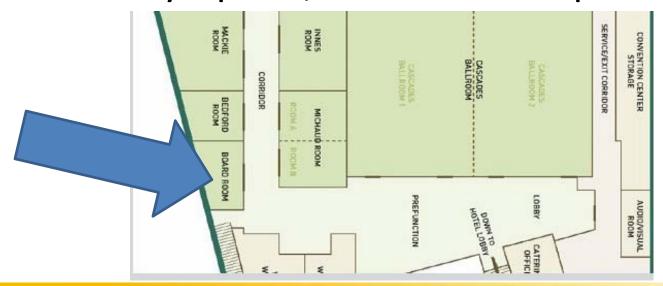
User engagement

Industry support



We Want to Hear from You!

- Executive boardroom
- Wednesday April 4, 1:00pm 4:00pm
- Thursday April 5, 9:00am 3:00pm





If you have any questions please contact:

Lindsay Macfarlane: Lindsay.Macfarlane@gov.bc.ca

